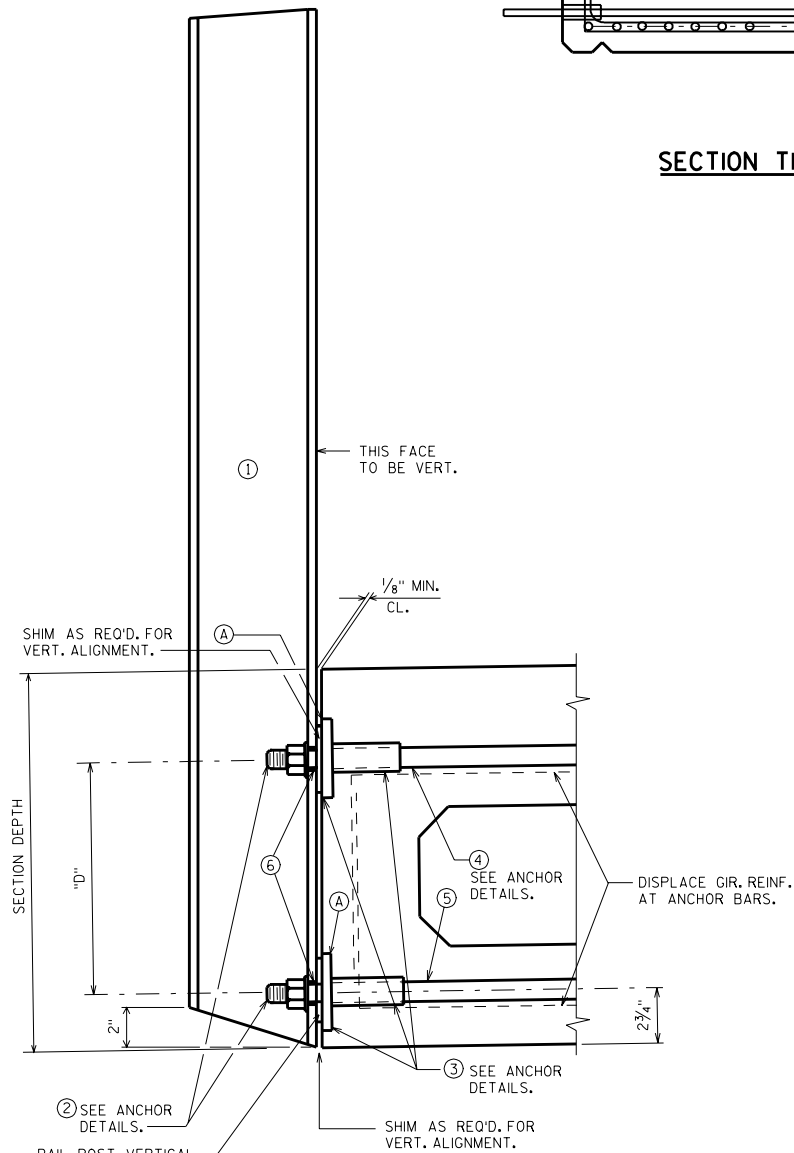
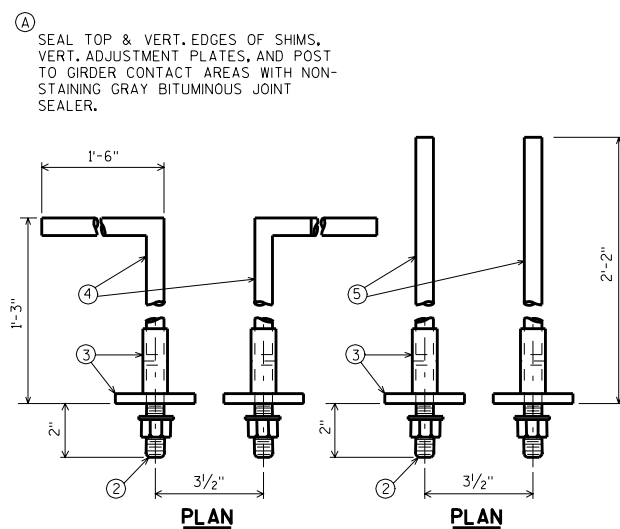


SECTION THRU EXTERIOR GIRDER



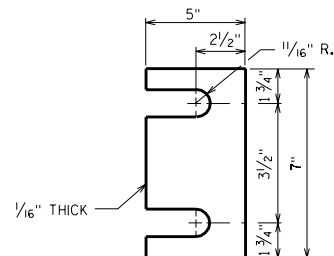
SECTION THRU RAILING

SECTION DEPTH	"D"
12"	7"
17"	12"
21"	16"
27"	22"
33"	28"
42"	37"



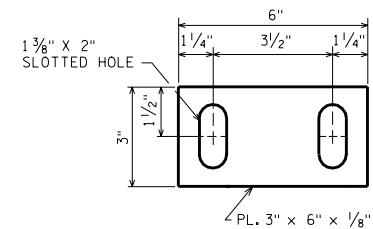
ANCHOR DETAILS

ANCHORS MAY BE FABRICATED IN A CAGE IF OPTED BY THE MFG'R.



POST SHIM DETAIL

(14 PER POST)



RAIL POST VERTICAL ADJUSTMENT PLATE

(1 PER POST)

LEGEND

- W6 x 25. SEE STD. 30.1 OR 30.2 FOR RAILING ATTACHMENT. PLACE POSTS NORMAL TO GRADE LINE. PLACE POSTS VERTICAL.
- 1" DIA. STUD WITH NUT & WASHER, FOUR REQ'D. PER POST, A325.*
- THREADED BAR COUPLER FOR 1" ϕ STUD. ACCEPTABLE PRODUCTS ARE WILLIAMS REBAR FLANGE COUPLERS BY WILLIAMS FORM ENGINEERING CORP. OR DOWEL BAR REPLACEMENTS BY DAYTON SUPERIOR. FOUR REQ'D. PER POST. EXPOSED FLANGE TO BE GALVANIZED.*
- ANCHOR BAR 1" DIA. THREADED REINFORCEMENT BAR BENT AS SHOWN IN ANCHOR DETAILS, GRADE 60. TWO REQ'D. PER POST. (TOP)**
- ANCHOR BAR, 1" DIA. THREADED REINFORCEMENT BAR (STRAIGHT), GRADE 60. TWO REQ'D. PER POST. (BOTTOM)**
- 1 1/4" x 1 3/4" SLOTTED HOLES IN POST FOR STUD NO. 2. LONG DIMENSION OF SLOTTED HOLE TO BE VERTICAL.

*SHALL BE MECHANICALLY GALVANIZED OR ELECTRO-PLATED.

**NOT GALVANIZED OR ELECTRO-PLATED.

GENERAL NOTES

FILL BOLT SLOT OPENINGS IN POST SHIMS AND POSTS WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER.

STEEL POST SHIMS MAY BE USED AT POSTS WHERE REQ'D. FOR ALIGNMENT.

PRETENSIONED SLAB & BOX SECTION RAILING POST ATTACHMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DEVELOPMENT SECTION

APPROVED: *Stanley W. Woods*

DATE:
1/99